

Review Form1.7

JournalName:	InternationalJournalof Plant&SoilScience
ManuscriptNumber:	Ms_IJPSS_103550
TitleoftheManuscript:	Influenceofnitrogen and boronongrowthandyieldofFrenchbean
TypeoftheArticle	OriginalResearch Article

General guidelineforPeerReviewprocess:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. ToknowthecompleteguidelineforPeer Reviewprocess,reviewersarerequestedtovisitthislink:

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PART1:Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> Yes. Studying how nitrogen and boron affect the growth and yield of French beans is important for scientists. It can help them to figure out the best ways to give these nutrients to the plants. By doing this, they can make the beans grow better and produce more. No. No. The abstract doesn't clearly state the purpose of the experiment or explain how the study was conducted. It also doesn't mention the number of samples or the statistical significance of the results. The units of measurement for the parameters are not provided and the limitations of the study are not discussed too. There is no clear conclusion or highlight for the main findings. Introduction: The introduction lacks specific research objectives or questions that the study aims to address. It also does not mention the specific methodology employed in the research, such as the experimental design or data collection methods. Moreover, there is no reference to the study location, duration, or sample size. Materials and Methods: There is no specific information about the number of plots or experimental units used in the replication. It also does not specify the type of statistical analysis performed on the data. The exact growth stages at which plant height and dry weight measurements were recorded are missing. The details regarding any specific field preparation techniques are not provided too. Lastly, while a seed rate range is mentioned, it's unclear if a specific seed rate was used. Results and Discussion: The results and discussion presented are simple and straightforward. However, it would be helpful to provide a deeper analysis and interpretation of the findings, explaining why certain treatments resulted in higher plant height, dry weight, pods per plant, seeds per pod, seed yield, stover yield, and economic returns. What are the factors influencing these outcomes, such as nutrient availability and reproductive processes, would make the results easier to understand. Also, referencing other studies that support or relate to these findings are needed. Conclusion: The conclusion drawn from the experimental results suggests that the application of 120 kg/ha nitrogen and 1.5 kg/ha boron in French beans had the most favorable impact on both growth and yield. This treatment resulted in higher plant height, dry weight, pods per plant, seeds per pod, seed yield, and stover yield compared to other treatments. Furthermore, it generated the highest gross return, net return, and benefit-cost ratio, indicating its economic viability. The findings support the notion that optimizing nitrogen and boron levels can significantly enhance the productivity and profitability of French bean cultivation. No. Having only 10 references in a journal article are not enough. The author didn't explore enough the existing research on the topic for their claims. It's important to have a well-rounded set of references to demonstrate a thorough understanding of the subject and support the research findings. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	Moderate	
<p>Optional/General comments</p>	Therefore, it is recommended that the authors rewrite the entire paper and submit it again.	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Ewe Lay Sheng
Department, University & Country	The Energy University, Malaysia